

FIG. 1

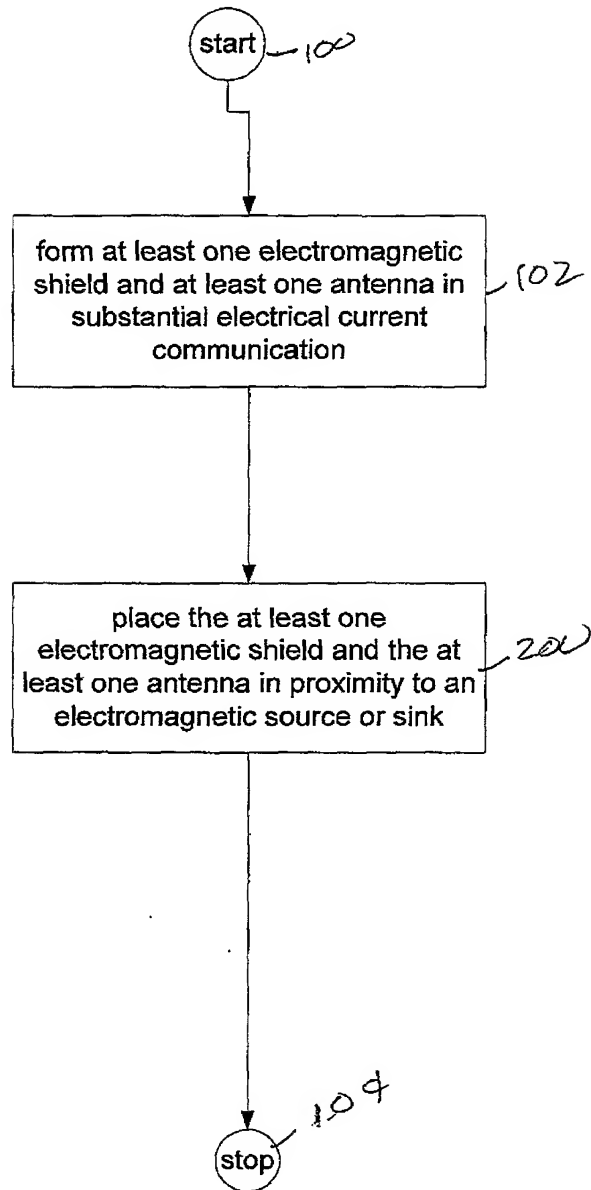


FIG 2

FIG. 3A

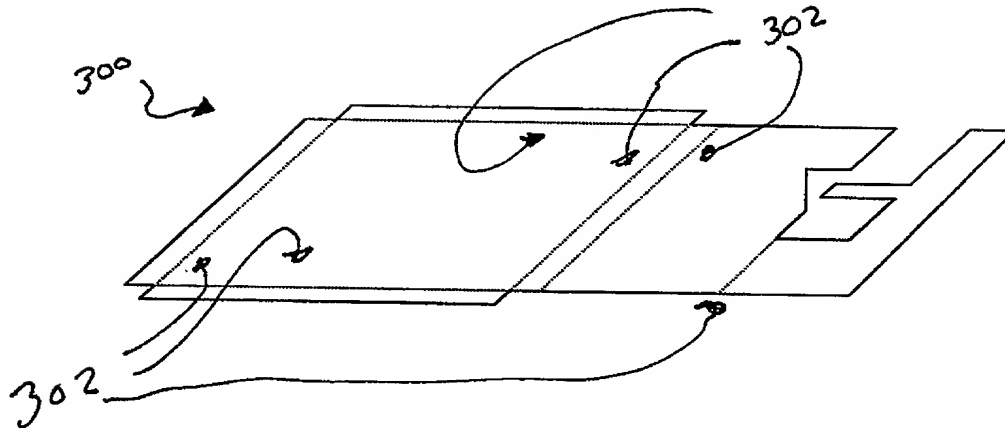


FIG. 4A

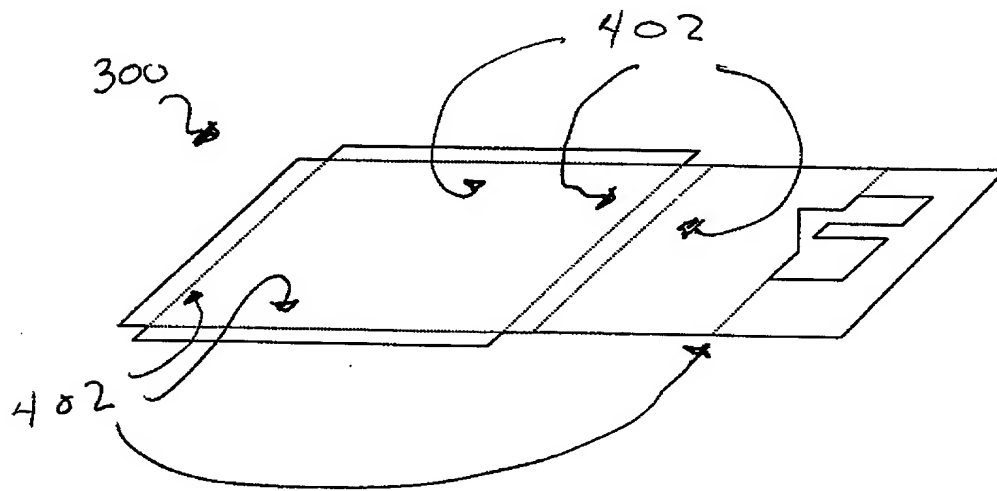


FIG. 3B

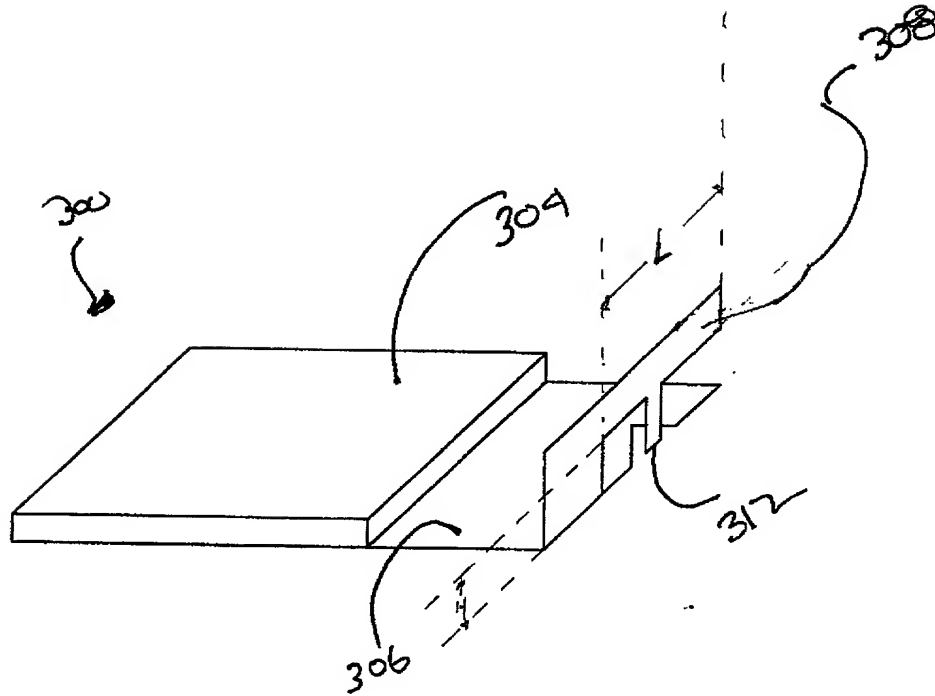


FIG. 4B

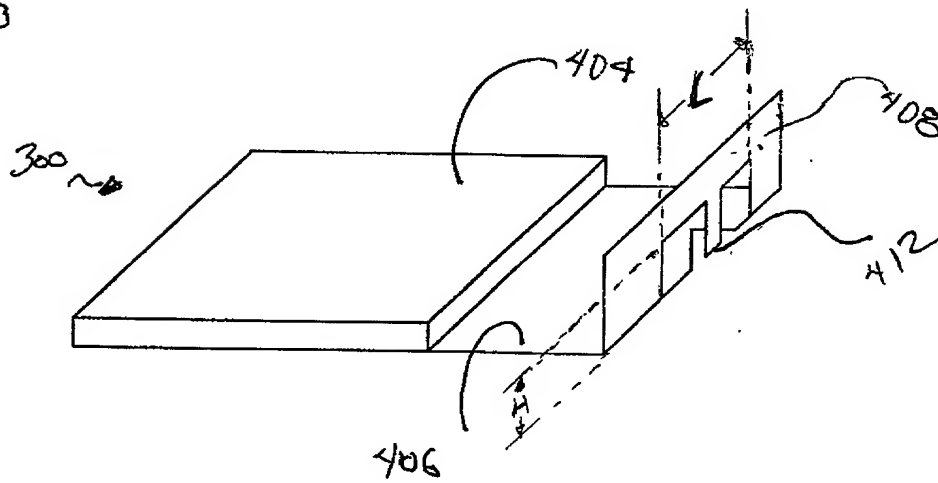


FIG. 3C

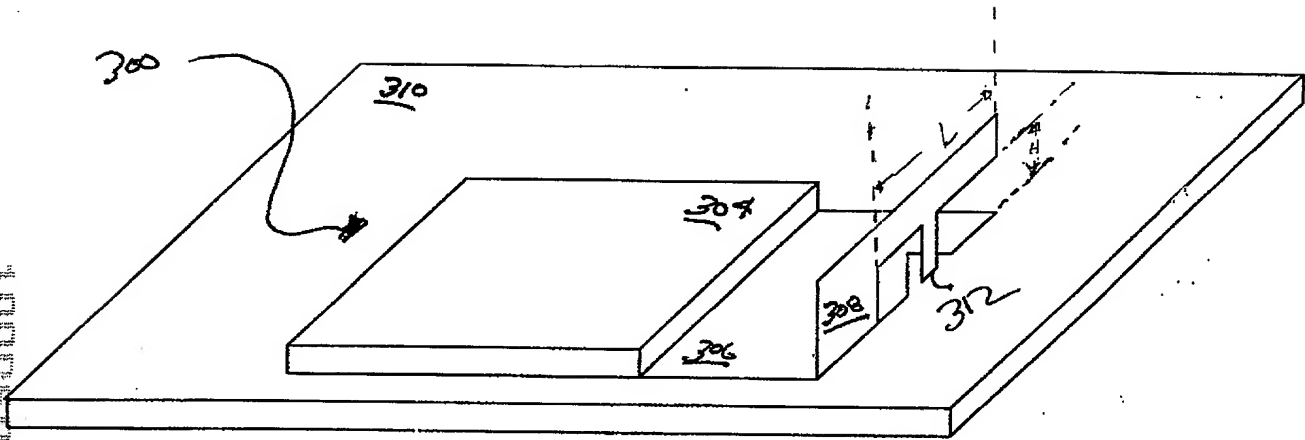


FIG. 4

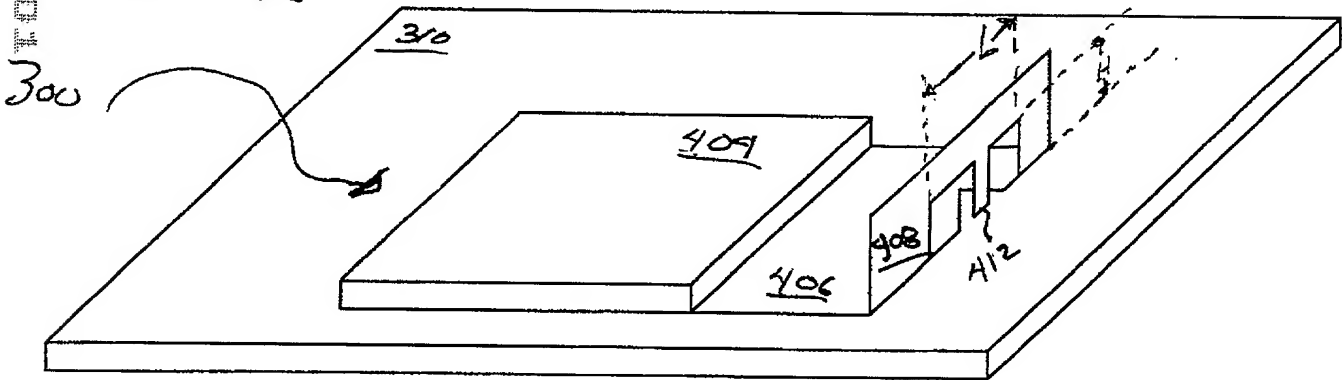
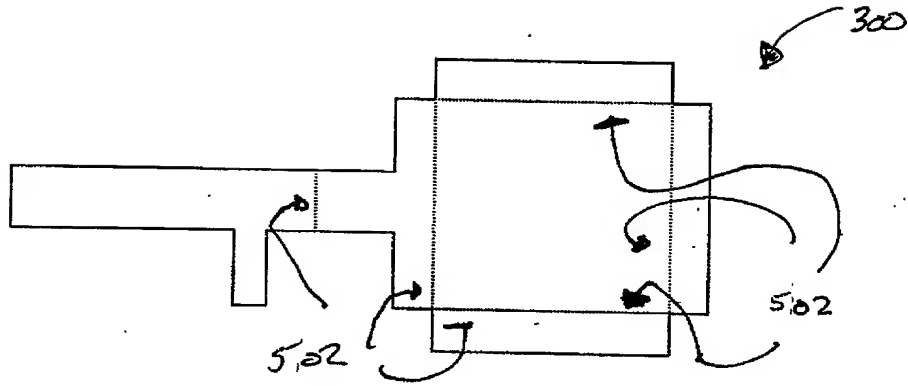


FIG. 5A



L

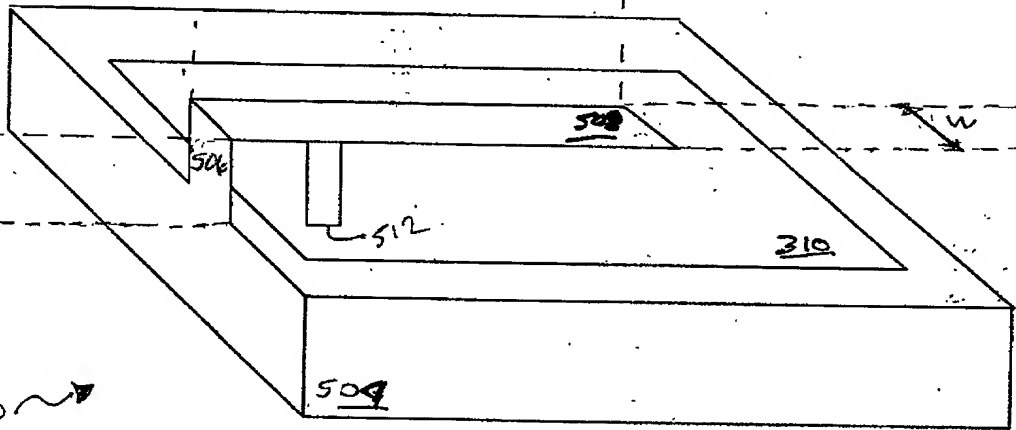
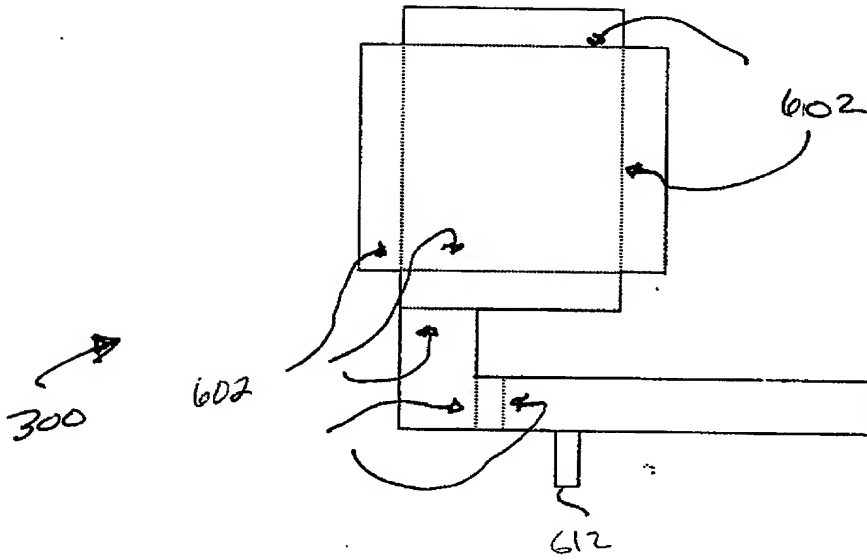


FIG. 5B

FIG. 6A



1005043.123404

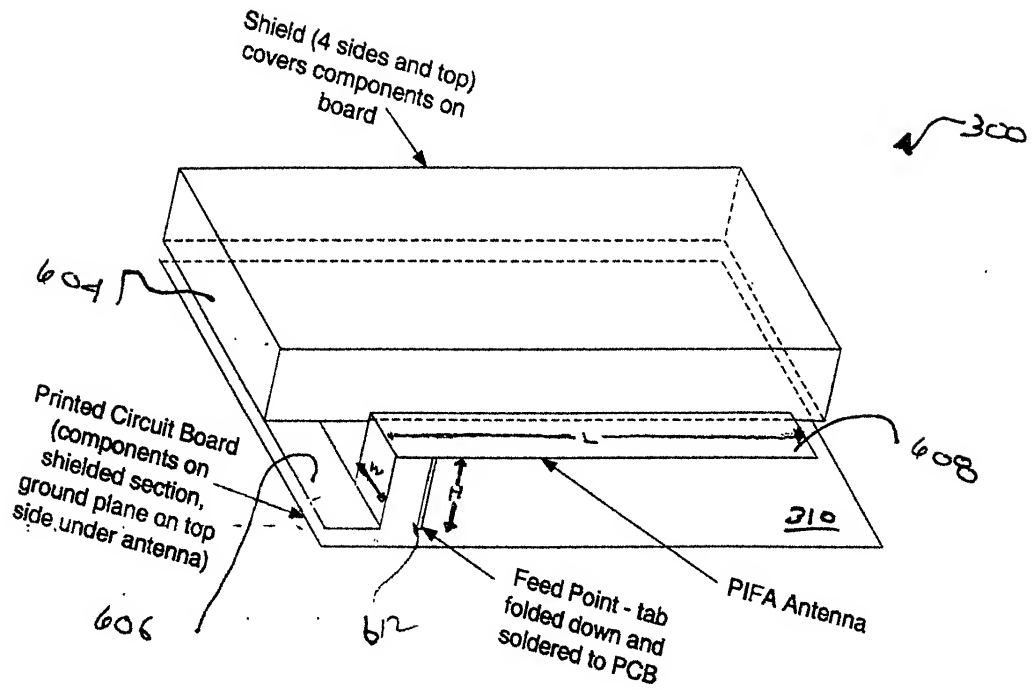
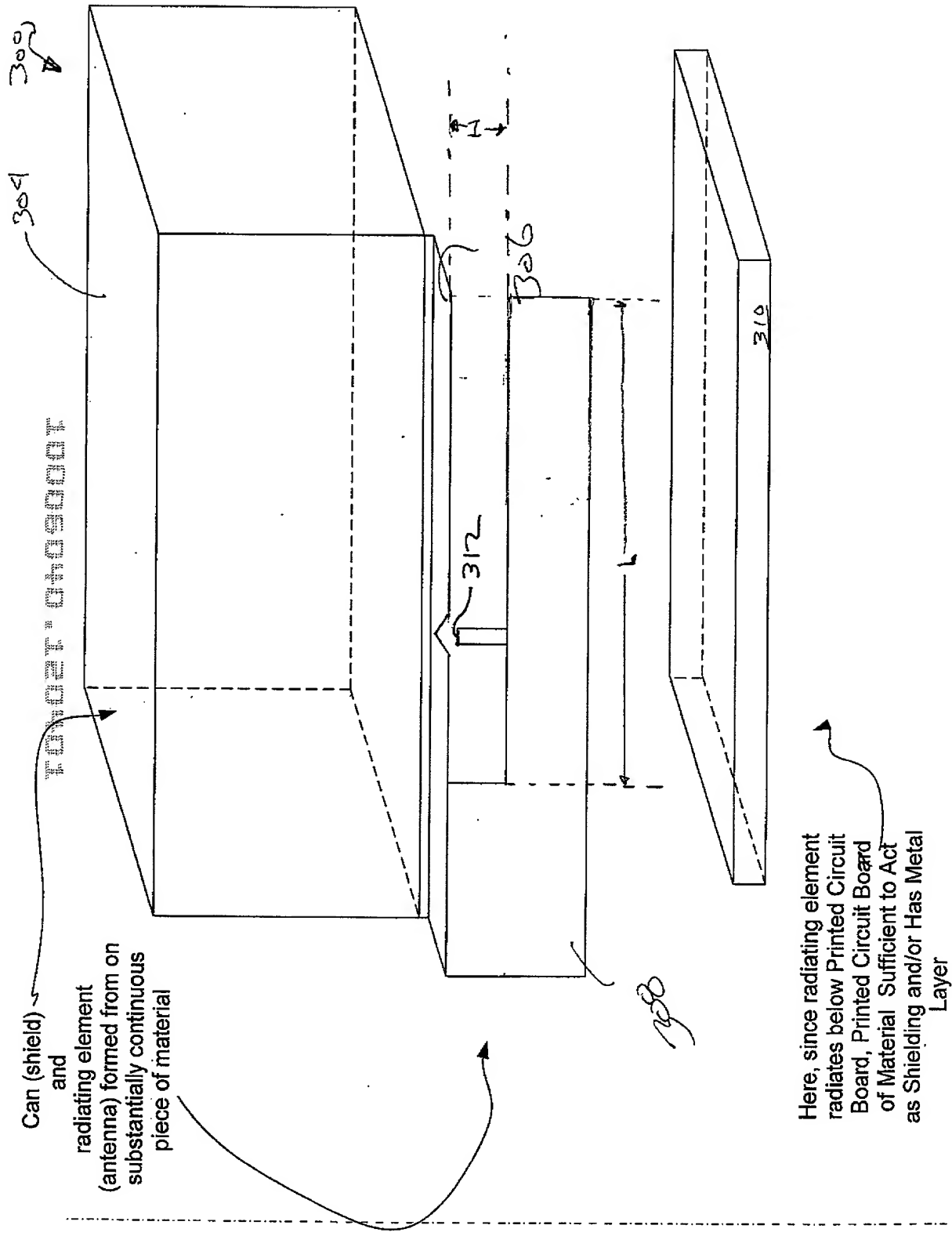
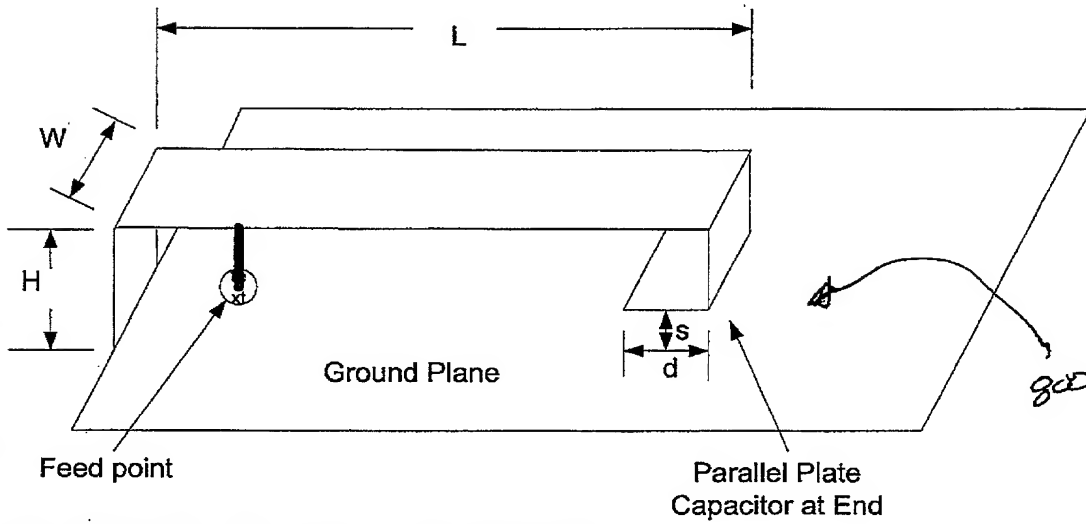


FIG. 6B



F16.7

PIFA with Integral Capacitor at Open End



Frequency determined primarily by L and Capacitance
Capacitance determined by area $W \times d$ and height above ground s
Bandwidth and Efficiency influenced by L , W , and H

FIG. 8